

Soil test procedure: Use University of Tennessee soil testing lab or A&L (note must request Melich 1 test with UT type recommendations). Sample fields with similar management, vegetation, and topography. Take core samples to a depth of 6" (the more cores taken the better the sample). Thoroughly mix sub-samples (20 is best) in a clean container to obtain one representative sample from the container. The maximum sample area is ten acres.

Frequency for nutrient incentive payment: a sample should be taken the first year and the third year. Recommended maintenance fertilizer applied annually according to production needs.

- For fall stockpiling apply up to 60 lbs. of actual Nitrogen between August 15 and September 15. If application is September 16 to October 1 apply up to 40 lbs of actual Nitrogen.
- Ammonium Nitrate or stabilized urea should be used in summer/fall instead of urea due to possible high volatilization losses. Stabilized urea is another good source.
- A pH of 5.0 is 10x more acid than 6.0 and 100x more acid than a pH of 7.0
- Lime increases efficiency of N, P, and K. Availability of P may be more than doubled when pH is increased from 5.0 to 6.1
- Lime improves effectiveness of herbicides
- For every pound of N applied 3 to 4 pounds of ag. lime should be planned in the future.

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